# Project Proposal Speculative Design Project - Imagine alternative futures

Write and submit a brief proposal presenting the following: **(max. 1-2 page - not including references)**

* Area(s) in society where you plan to develop your speculative design project
* What type of AI system are you thinking on using
* What technology will be affected?
* Who are the possible affected users?
* Support why this area of society is important and the possible challenges that exist that you are possibly addressing --> **Very important to address in your proposal**
* Support what you write with literature, articles, blogs, etc.

This assignment is both meant to get your project kickstarted and to inform me about your plans.

# Final Project: Speculative Design Project - Imagine alternative futures

Speculative Design Project - **Explore What-if scenarios**:

**As preparation, read this paper:** [**Fiesler-INNOVATING LIKE AN OPTIMIST, PREPARING LIKE A PESSIMIST**](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3779036)

* Design fiction! **Imagine alternative futures** where AI becomes part of (blended in) society, specifically within some area such as legislation, learning environments such as university or kindergarden, game design, comic writing, standup comedy, etc. **Try finding a concrete part of society.** Your work is to speculate how that would affect society, humans, and the world in general.
* Use the AI technologies and paradigms presented and discussed in class or others and consider their tradeoffs and limitations. You can think a step ahead, with a bit more advanced system or combination of systems, that would make it possible to incorporate in society. If you are thinking on something that is a step ahead of current technology,
  + why you did that?
  + What were the limitations that you overcame with that?
  + And why the AI technology might or might not be prepared to be incorporated in society in the area you selected, and which areas it might be good enough/useful to be incorporated?
* You can start with the premise that the system is **in-place and functional** or **planned to be implemented.**
* Try to keep it to one AI system and one technological advance. For instance**, avoid discussing autonomous vehicles and their technologies with flying cars.**
* Think in depth how society would look based on that AI technology blended in society. How everything is affected by this. Analyze and try to think about potential users’ perceptions.
* For instance, if we had AI collaborating with humans in standup comedy, what is the perception of these shows? how it would relate to human-only shows? how our perception of comedy might change? Why and how this could work? How would collaboration/interaction take place? Comedy in many ways, arises from personal and private experiences; what concerns exist regarding data collection? Who are the stakeholders? How is your private data used? What ethical considerations should we account for? How society could be impacted? And many more questions! Think outside the box, explore, be creative and curious about what impacts this could have. You can go as big as needed and stretch the consequences/benefits as much as wanted within the alternative future you are exploring.

When writing and developing your scenarios try using these prompts to guide your report:

* How does society and the world receive this technology? What is the state of society right before the inclusion of this technology?
* Think about what is the goal with the AI system? What is the problem or challenge that exist in society that you are trying to address=
* As the technology is involved in society how does the first 6 to 24 months look like? (short-term)
* How does it look once the technology has settled? after 5-10 years? (mid-term)
* How does it look in the long term? 20-50 years? (long-term)
* Use the books from the course, the lectures we had, all the papers presented and discussed during the course’s lectures, seminars, and labs, and any other resource. Cite correctly using any citation style (e.g., APA, Chicago, Vancouver, IEEE, etc.).
  + In text citation would look something like this:
    - “Designer modeling, as defined by Liapis et al. (Liapis, Yannakakis, and Togelius 2013), is a way to classify and predict a designer’s style, goals, preferences, and processes.”
  + And the reference would look like:
    - Liapis, A.; Yannakakis, G. N.; and Togelius, J. 2013. Designer modeling for personalized game content creation tools. In Artificial Intelligence and Game Aesthetics - Papers from the 2013 AIIDE Workshop, Technical Report, volume WS-13-19, 11–16. AI Access Foundation. ISBN 978-1-57735-634-9
* Deliverables will be:
  + Brief project proposal
  + Mid-term incl. presentation max. 5 mins.
  + Short paper describing, discussing, and doing a critical analysis of this **what-if scenario/Alternative future** (2000 words excl. references)
  + Final Oral presentation max. 10 mins